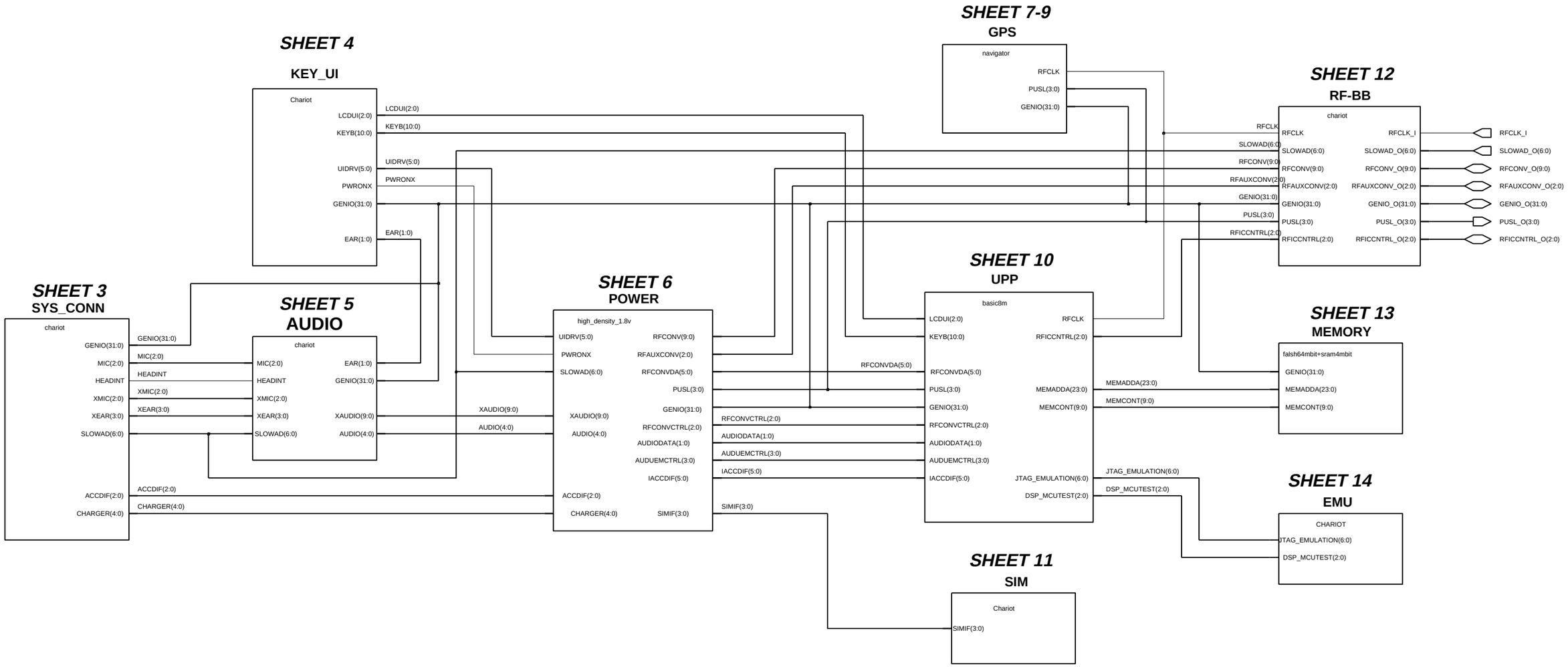
6019i Schematics

Baseband - Top



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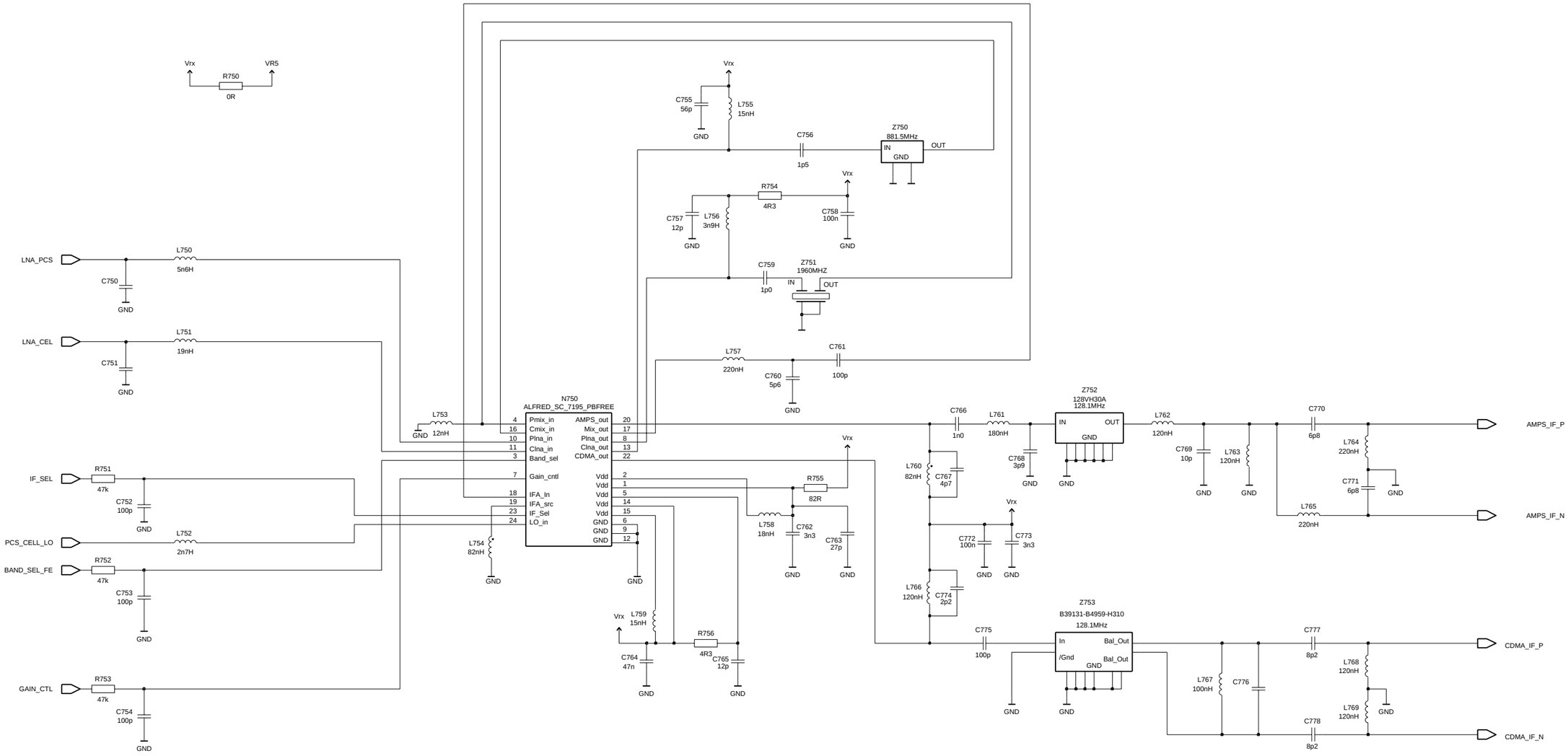
Front End



	LOGIC INPUTS		
MODES	BAND	GAIN_CTL	IF_SEL
CEL CDMA Hi Gain	0	1	0
CEL CDMA Lo Gain	0	0	0
PCS CDMA Hi Gain	1	1	0
PCS CDMA Lo Gain	1	0	0
AMPS Hi Gain	0	1	1
AMPS Lo Gain	0	0	1

VARIANT DNI	
HDB91 800	**HDC93 1900**
C750	***C751***
C759	***C756***
L750	***C766***
Z751	***C768***
	C769
	C770
	C771
	L751
	L761
	L762
	L763
	L764
	L765
	Z750
	Z752

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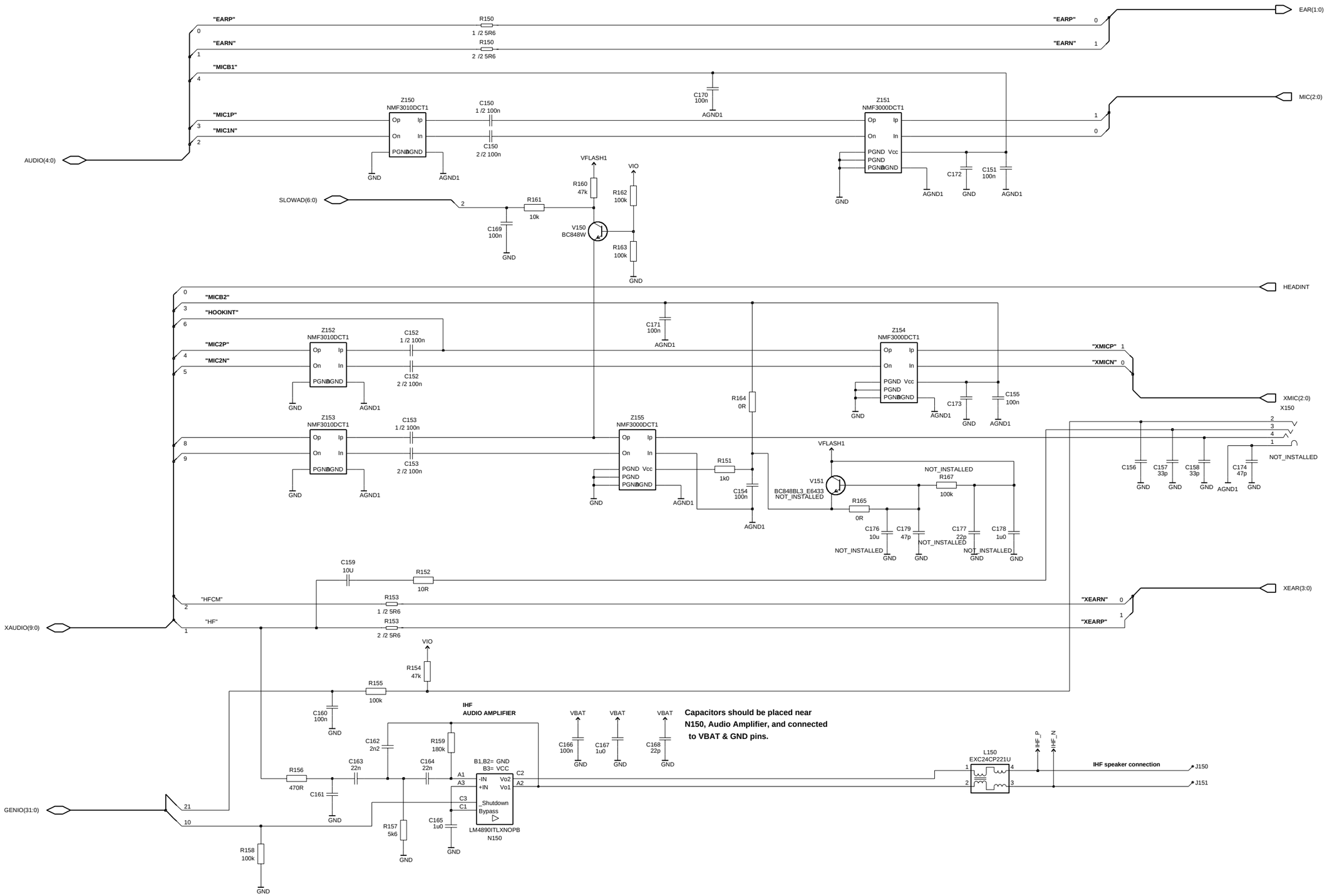
Audio



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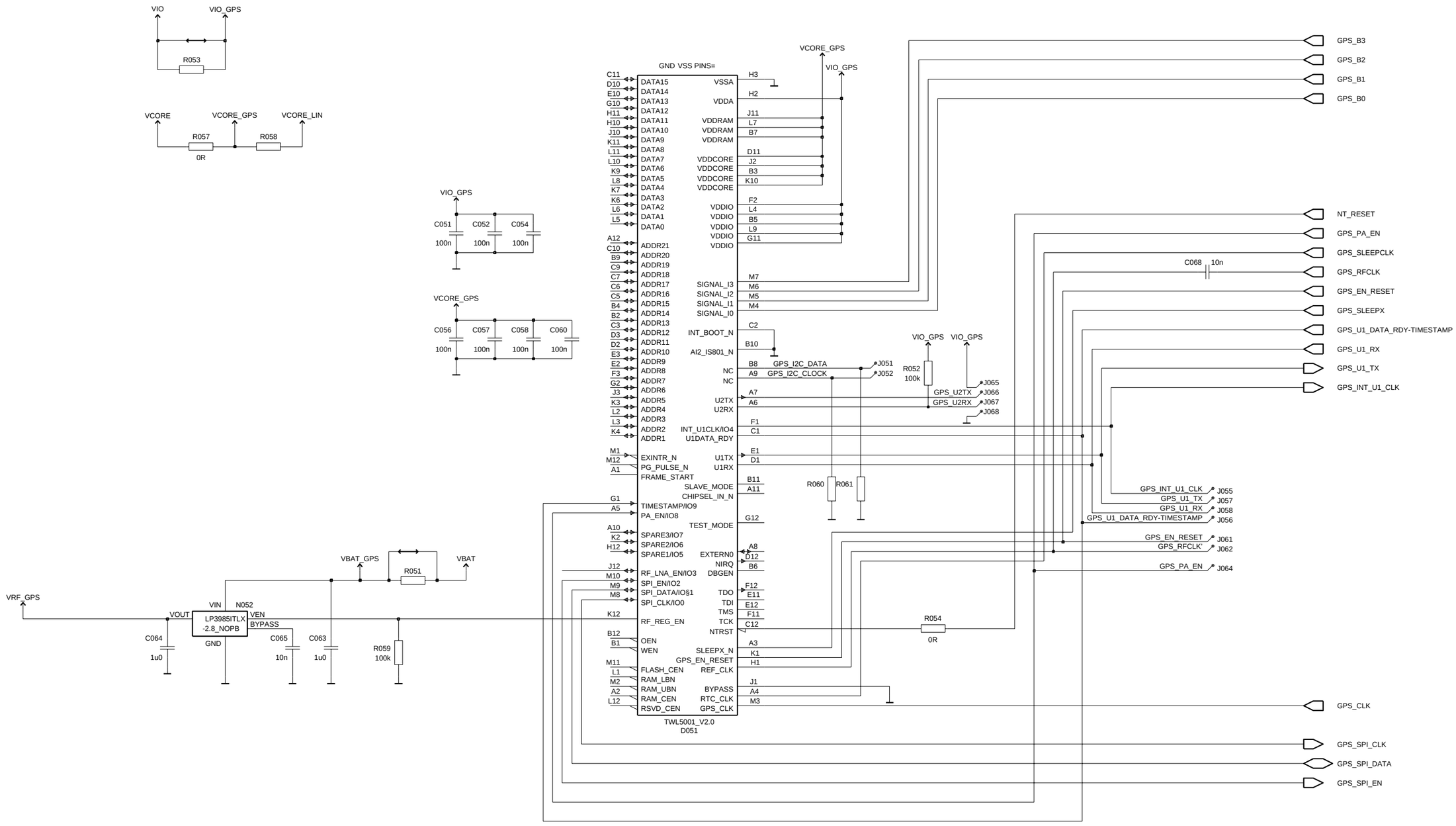
GPS Baseband



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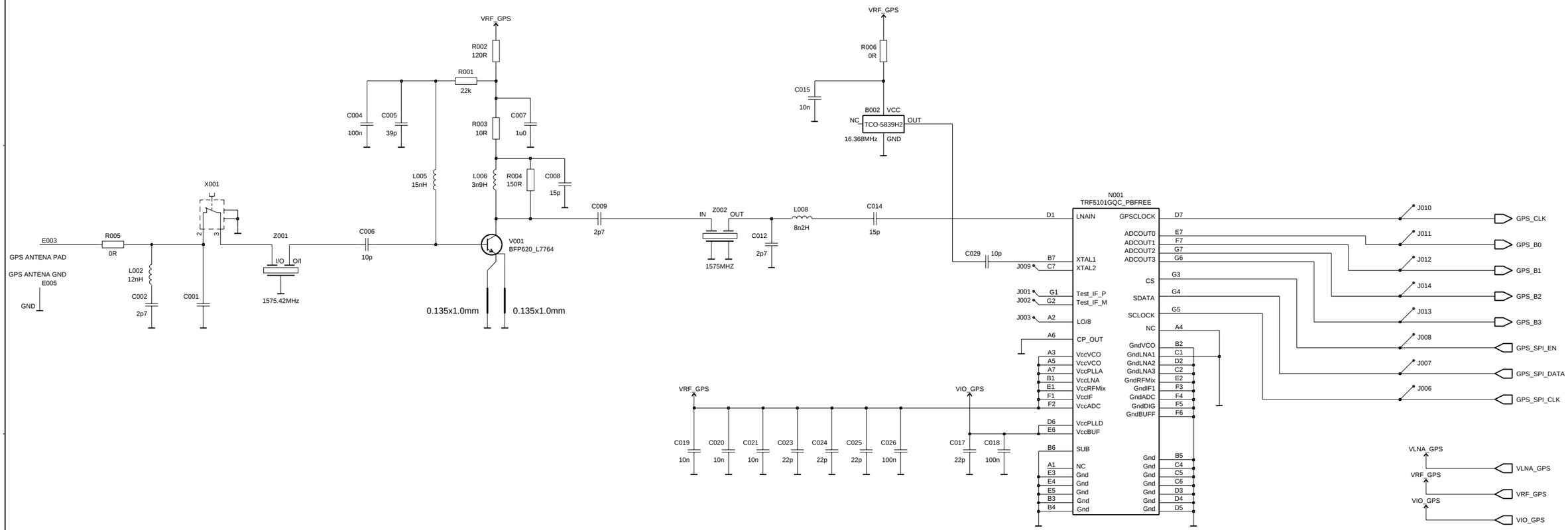
GPS RF



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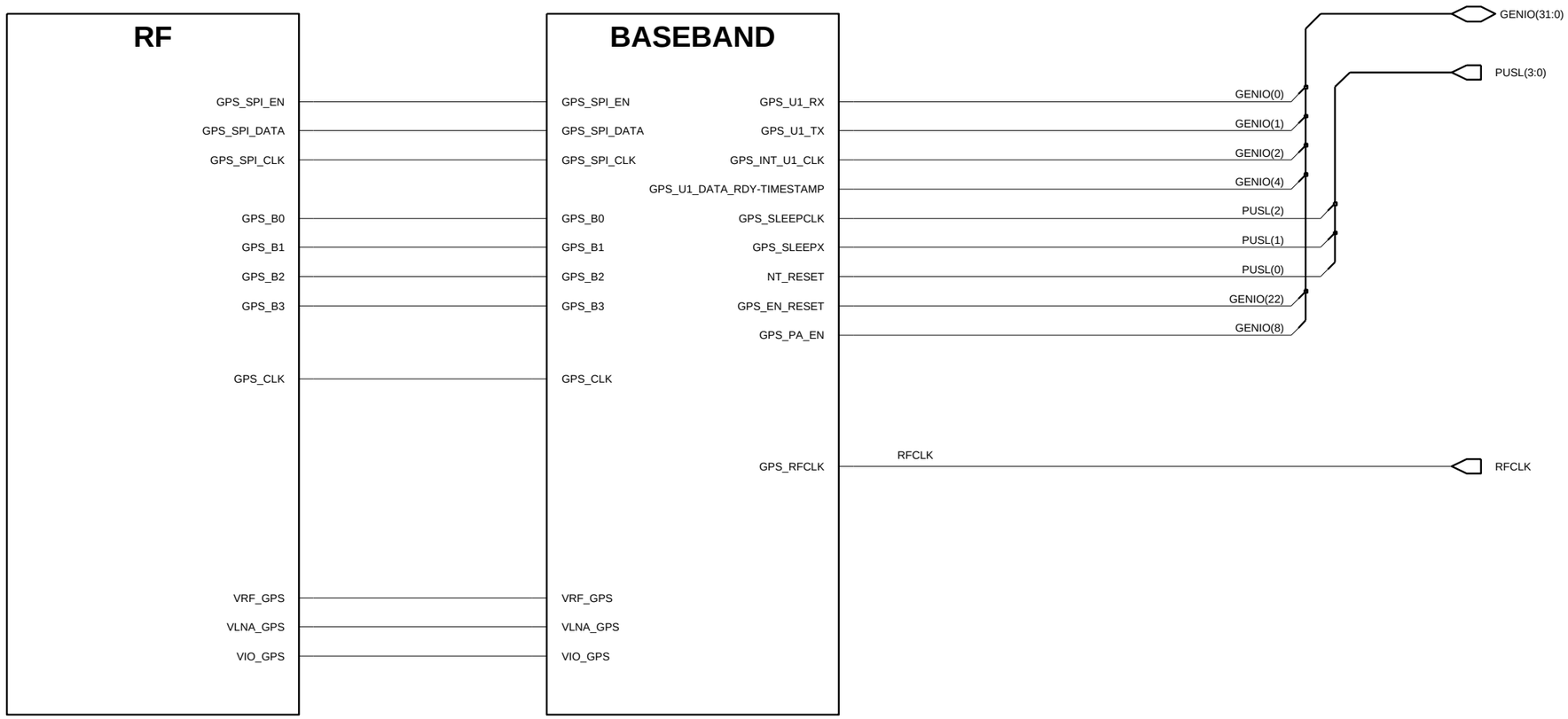
GPS RF BB Interface



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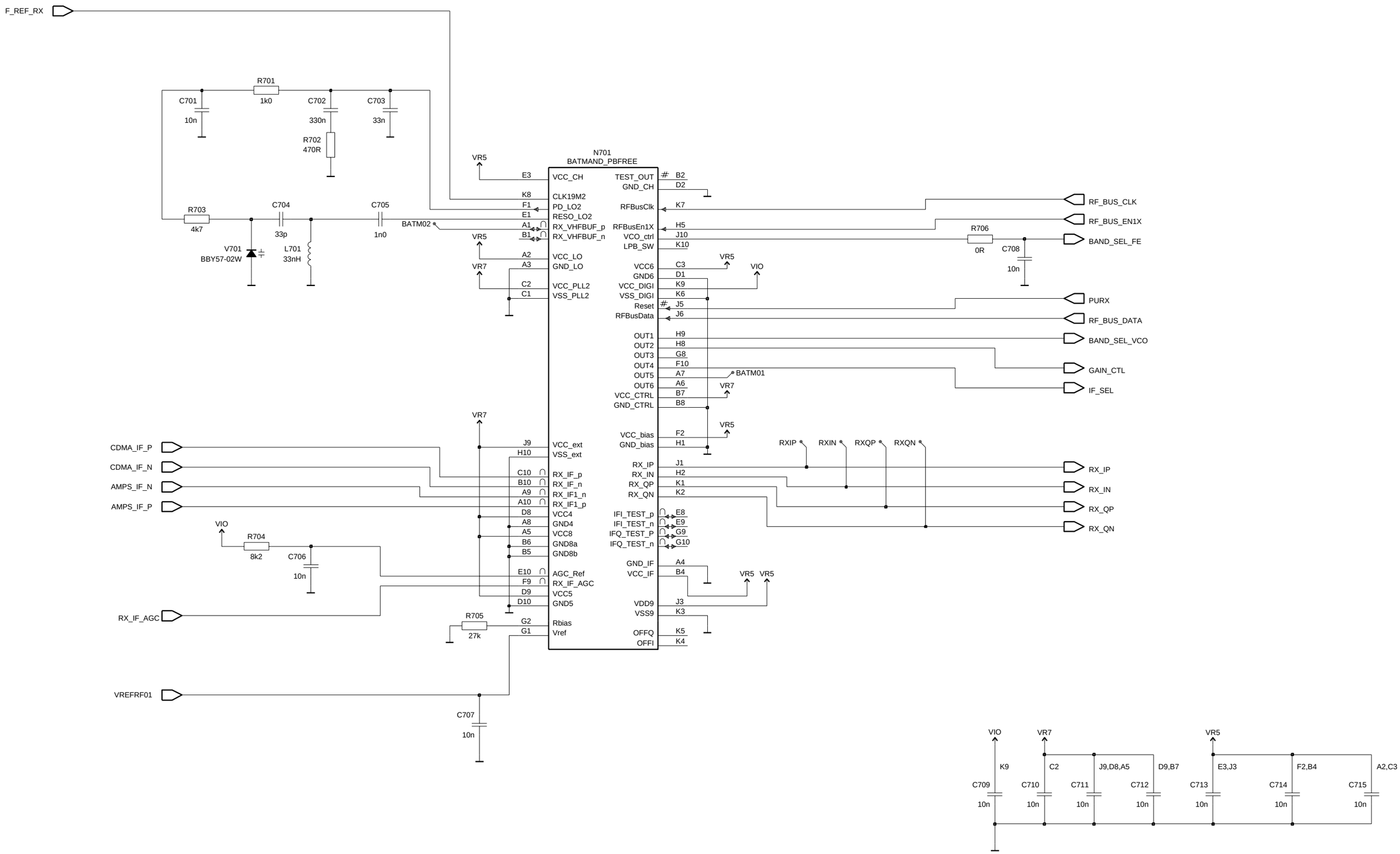
Batman



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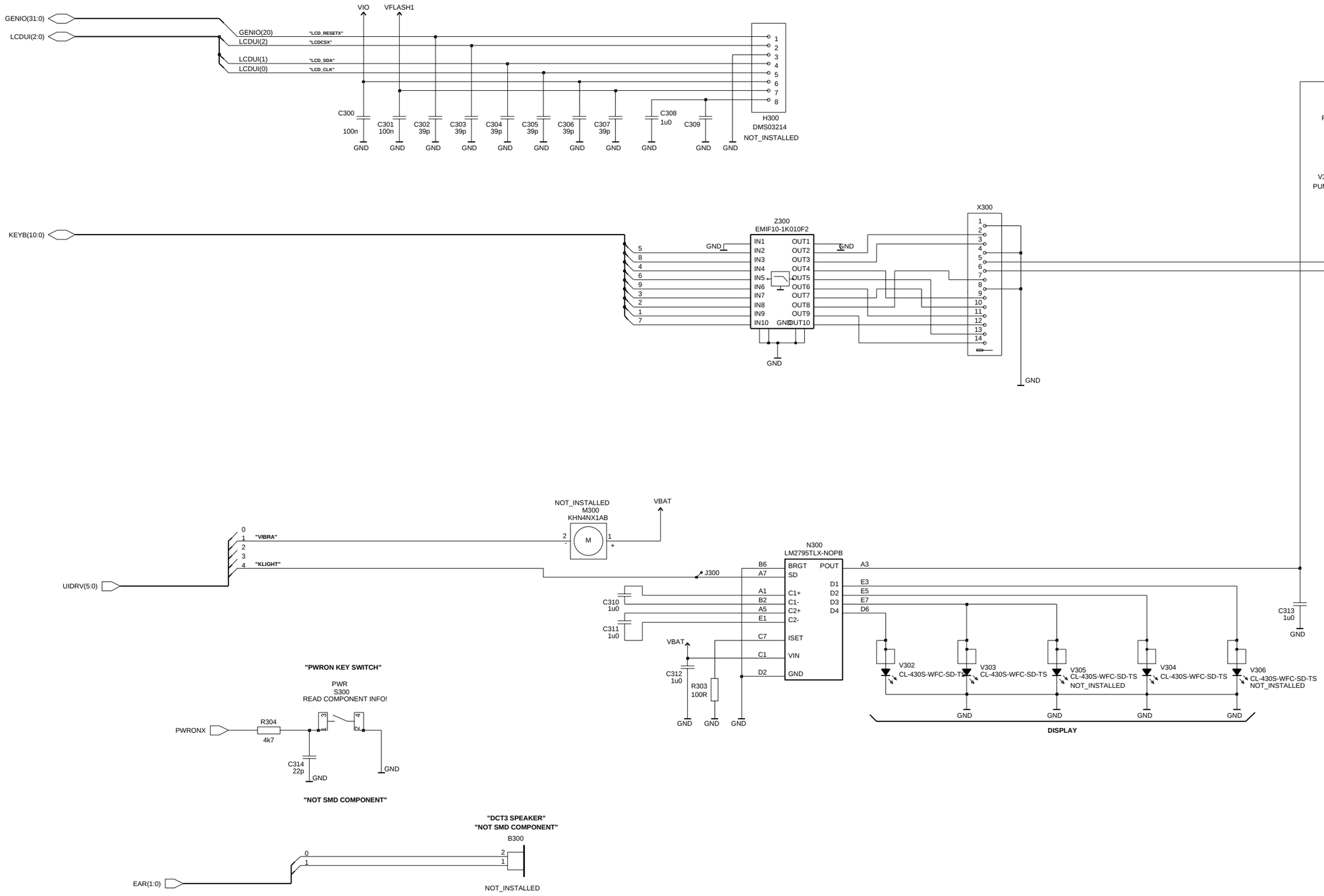
Key UI



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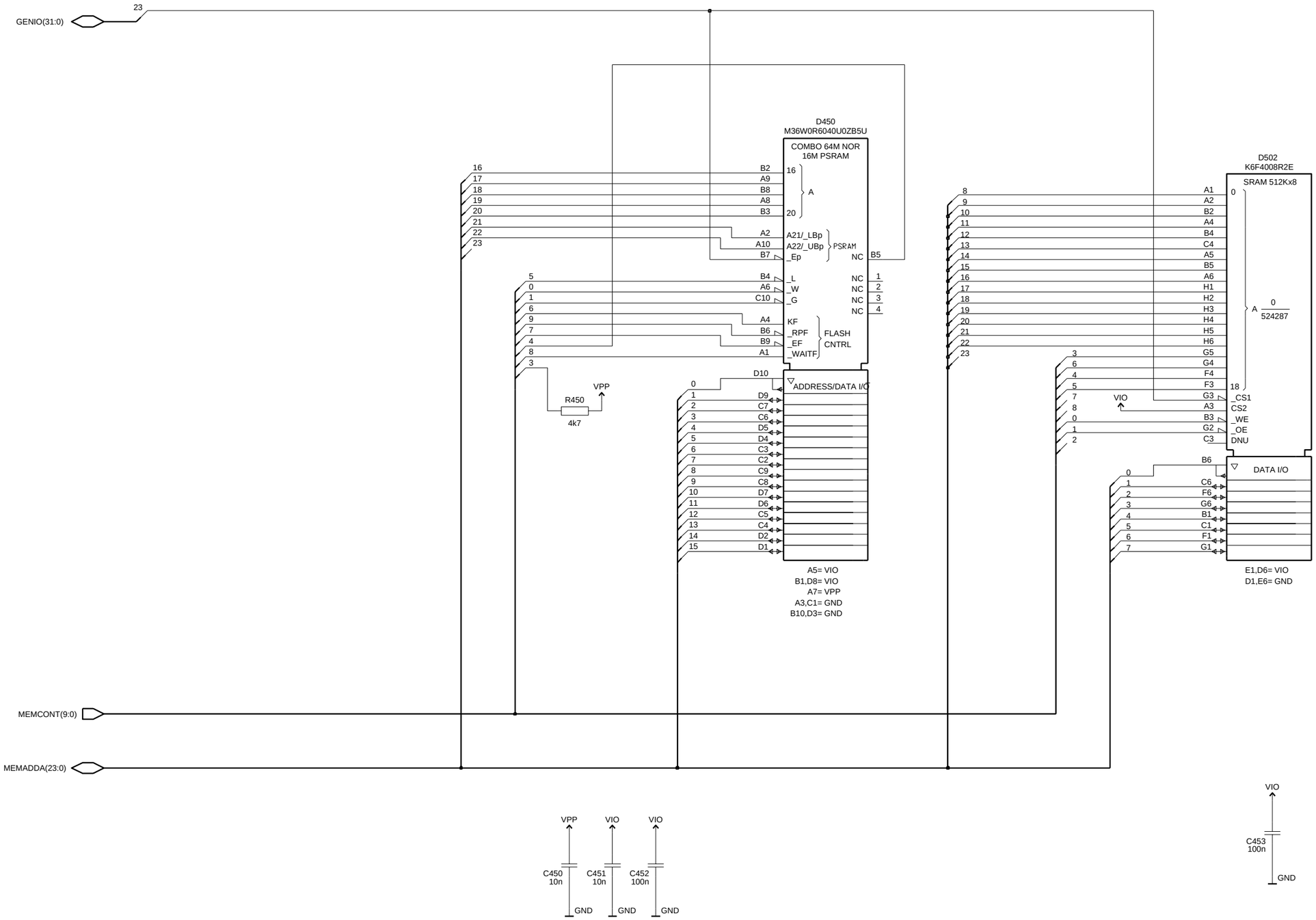
Memory



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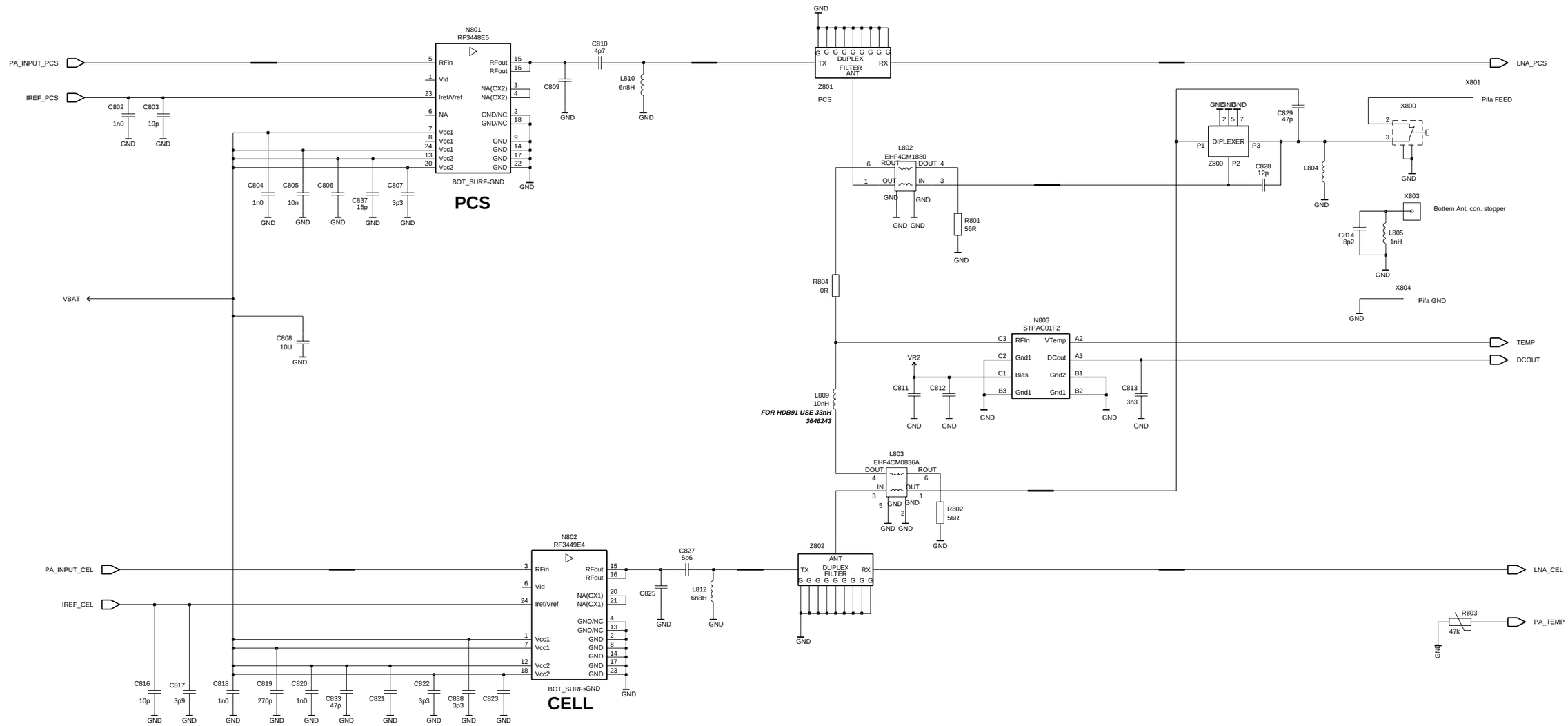
PA



VARIANT DNI		
HDC91 DB	**HDB91 800**	**HDC93 1900**
C828	*C802*	*C816*
C829	*C803*	*C817*
	C804	*C818*
	C805	*C819*
	C806	*C820*
	C807	*C821*
	C809	*C822*
	C810	*C823*
	C828	*C825*
	C837	*C827*
	L802	*C829*
	L810	*C833*
	N801	*C838*
	R801	*L803*
	R804	*L808*
	Z800	*L811*
	Z801	*R802*
		Z800
		Z802

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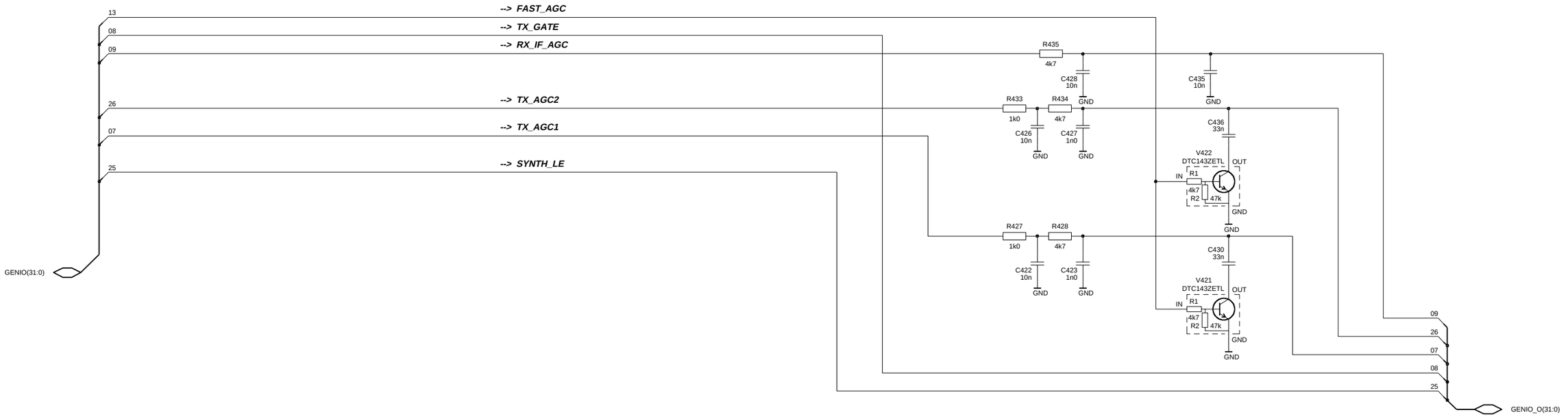
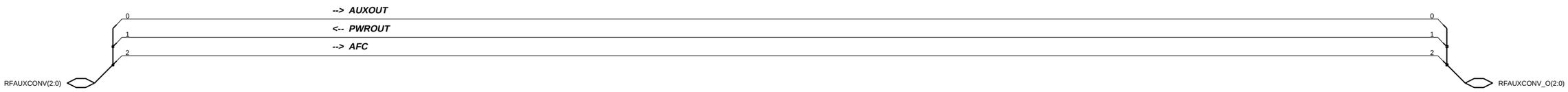
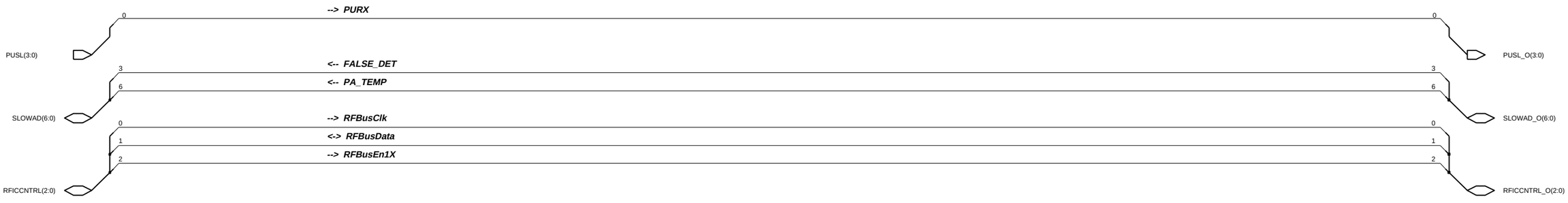
RF-BB Interface







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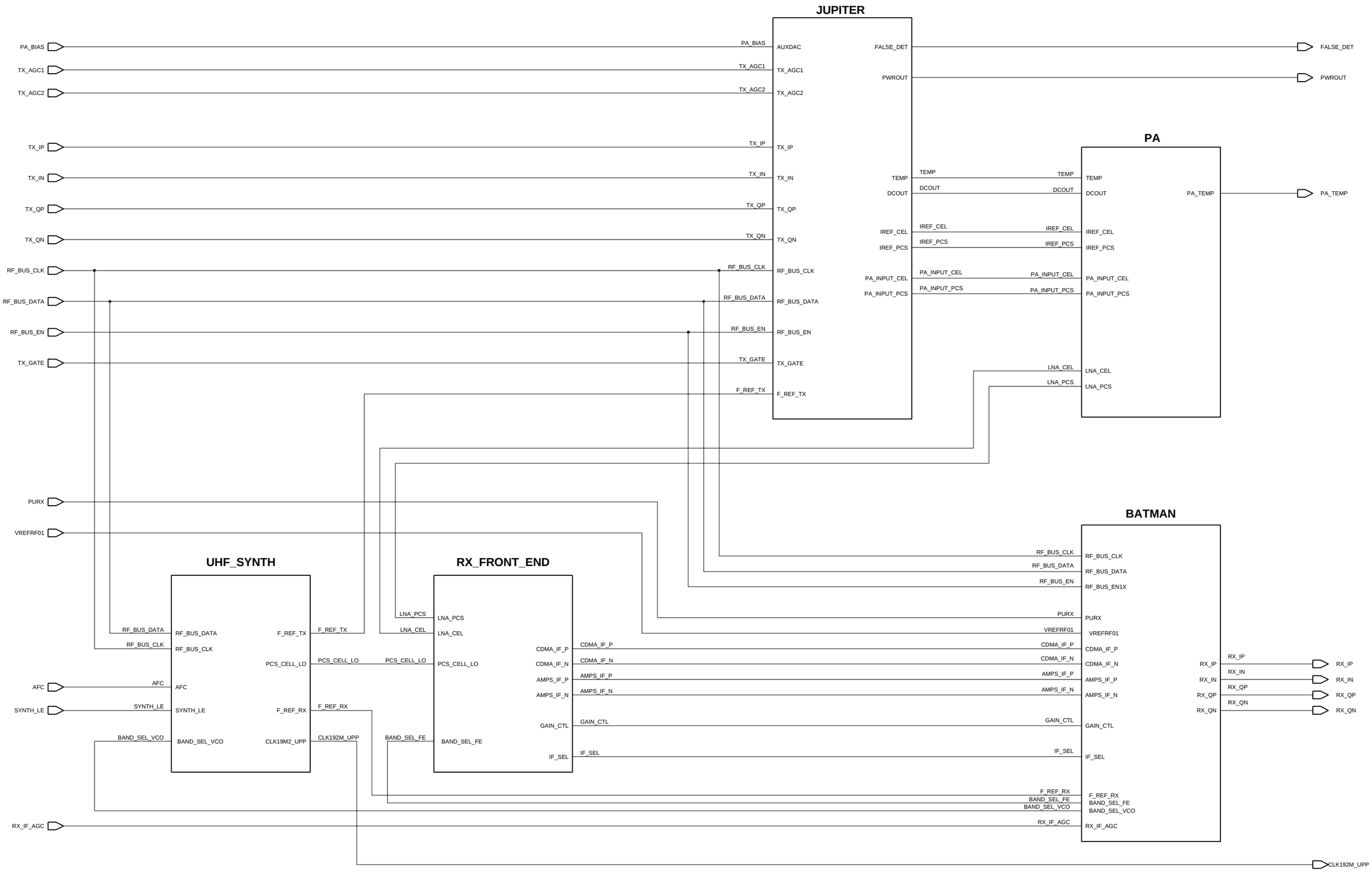
RF - Top



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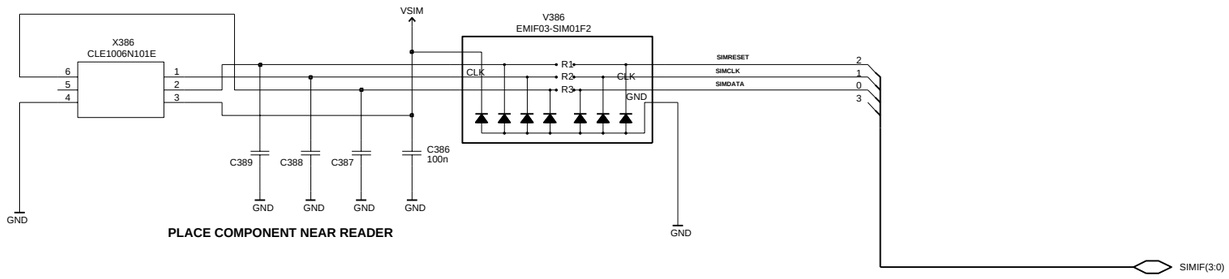
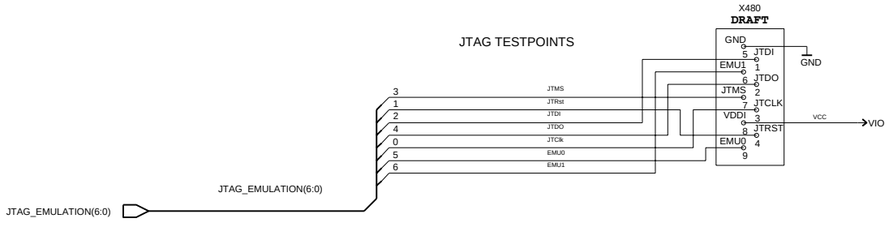
SIM



Test and Emulator Interface



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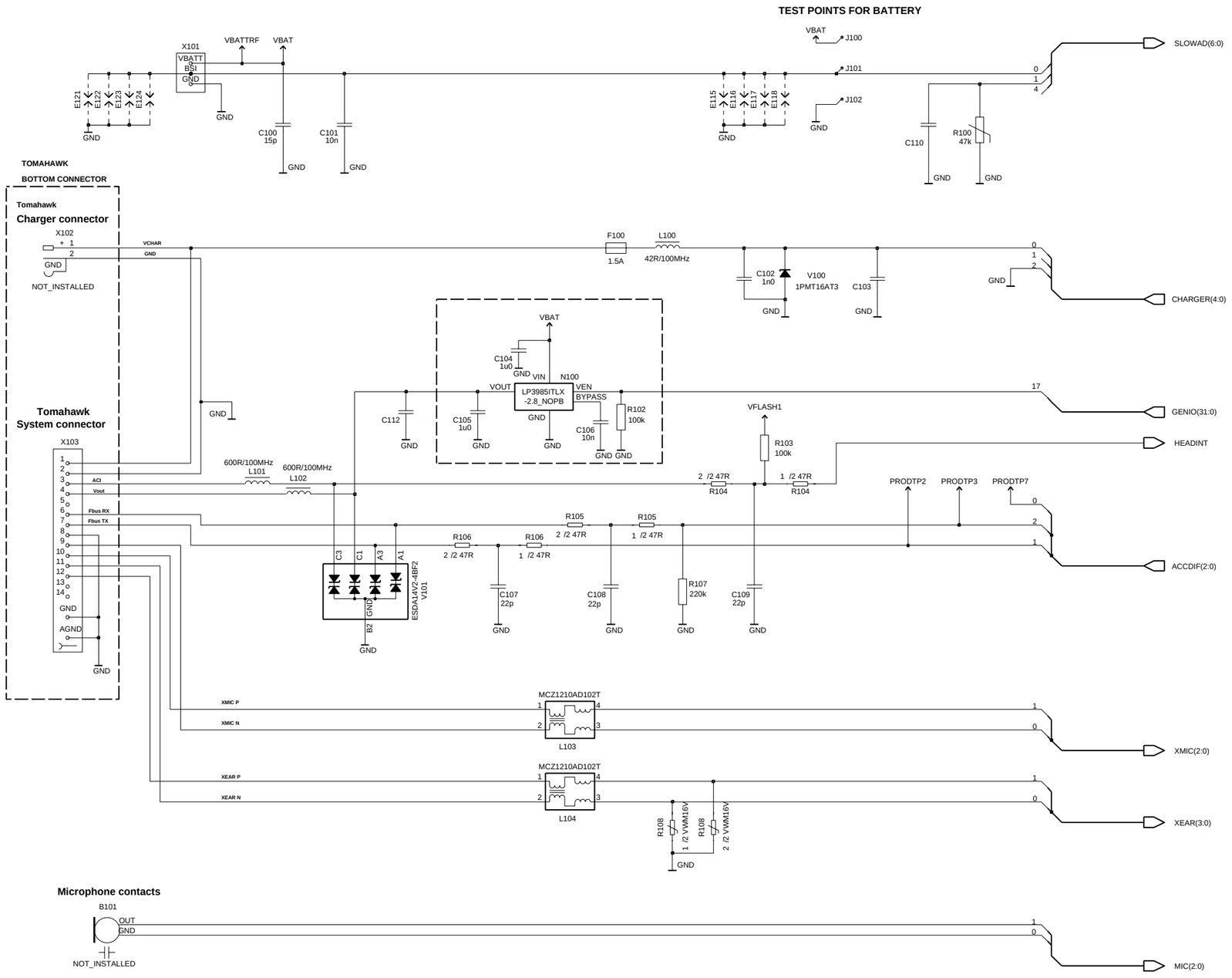
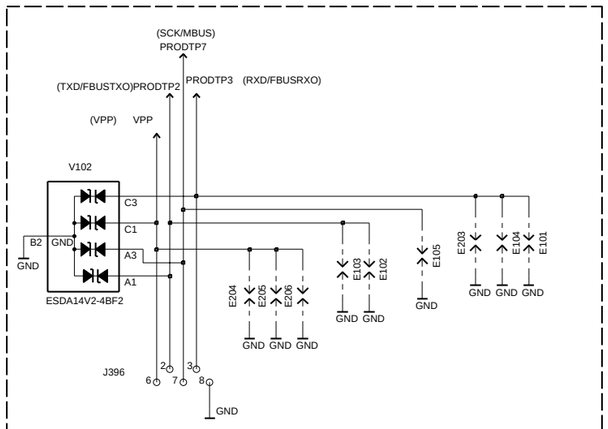
System Connector





PROD TEST PATTERN

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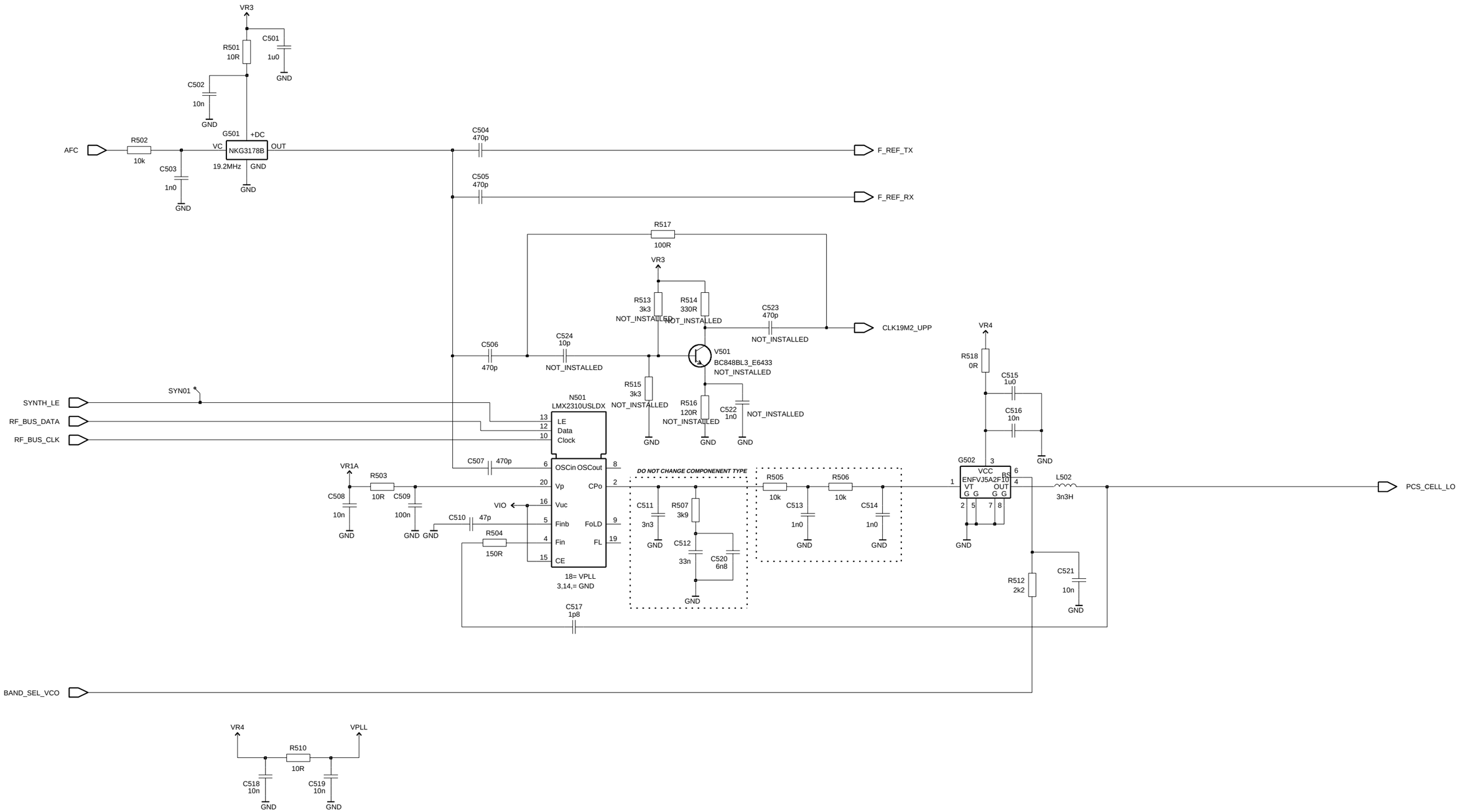
UHF Synthesizer



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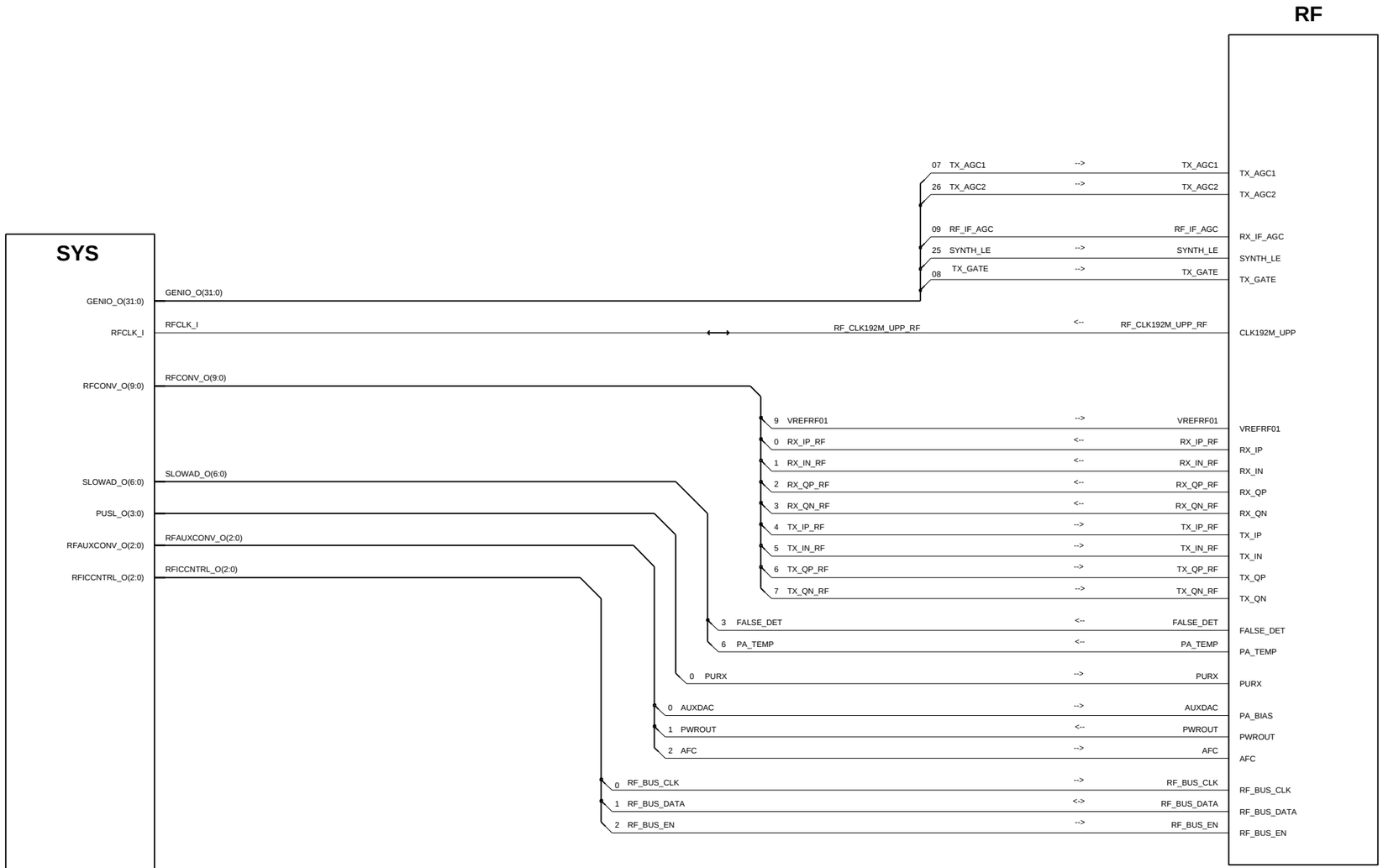
Top Level



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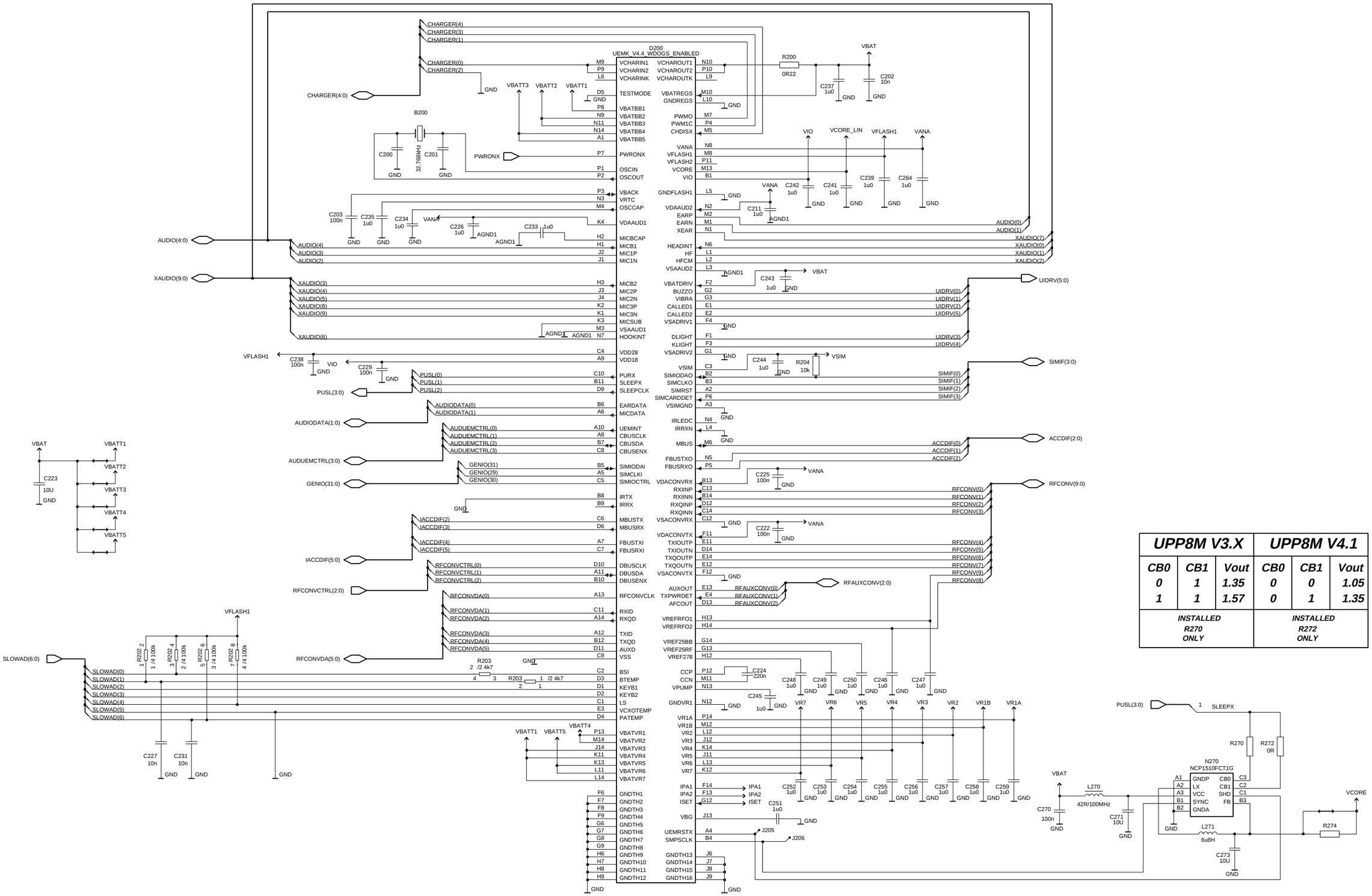
UEM



UPP8M V3.X			UPP8M V4.1		
CB0	CB1	Vout	CB0	CB1	Vout
0	1	1.35	0	0	1.05
1	1	1.57	0	1	1.35
INSTALLED R270 ONLY			INSTALLED R272 ONLY		

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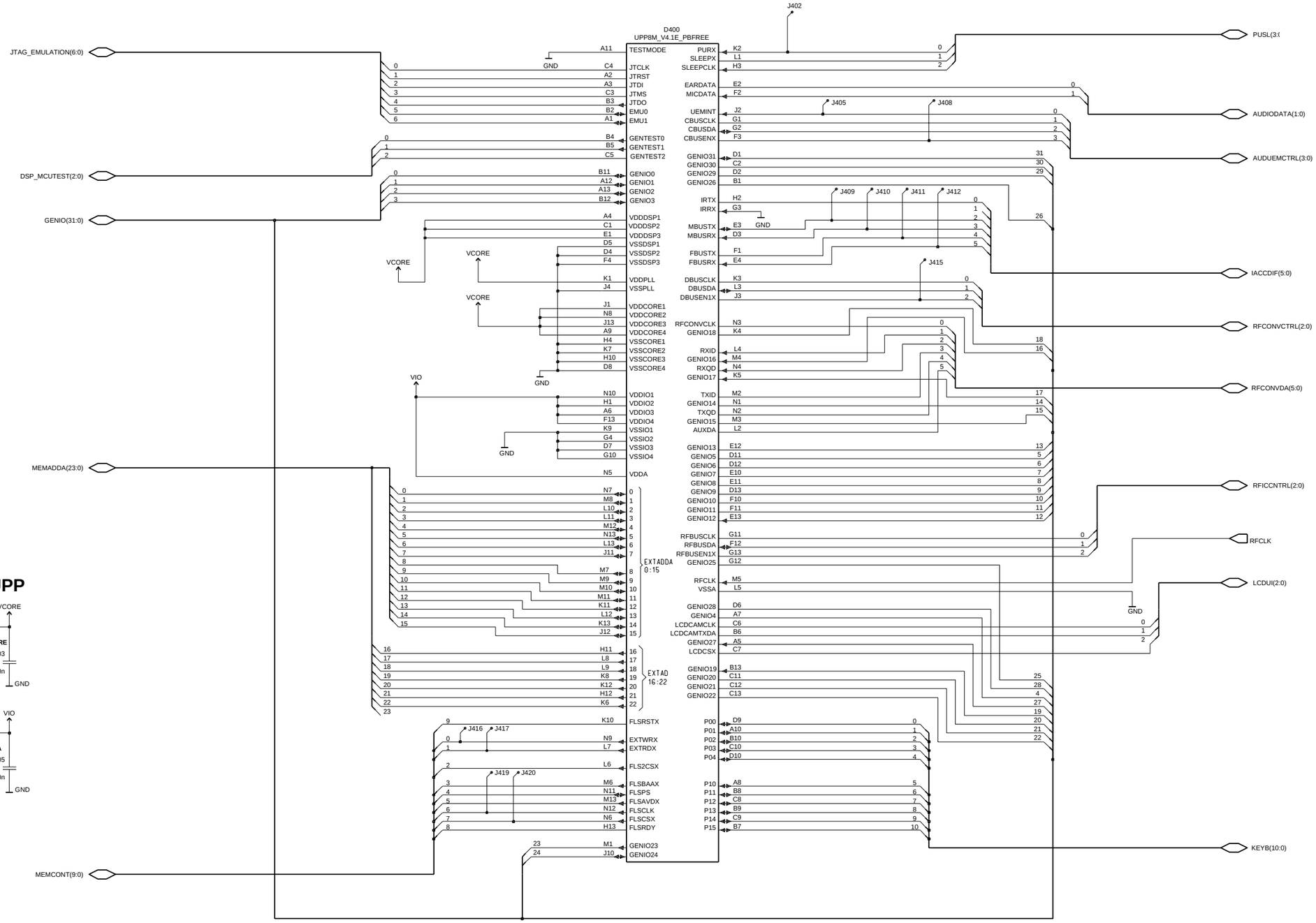
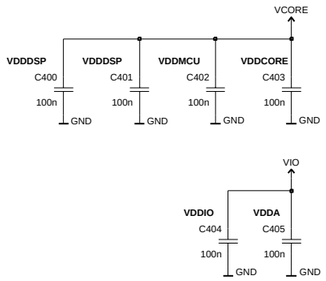
UPP



Place caps near UPP



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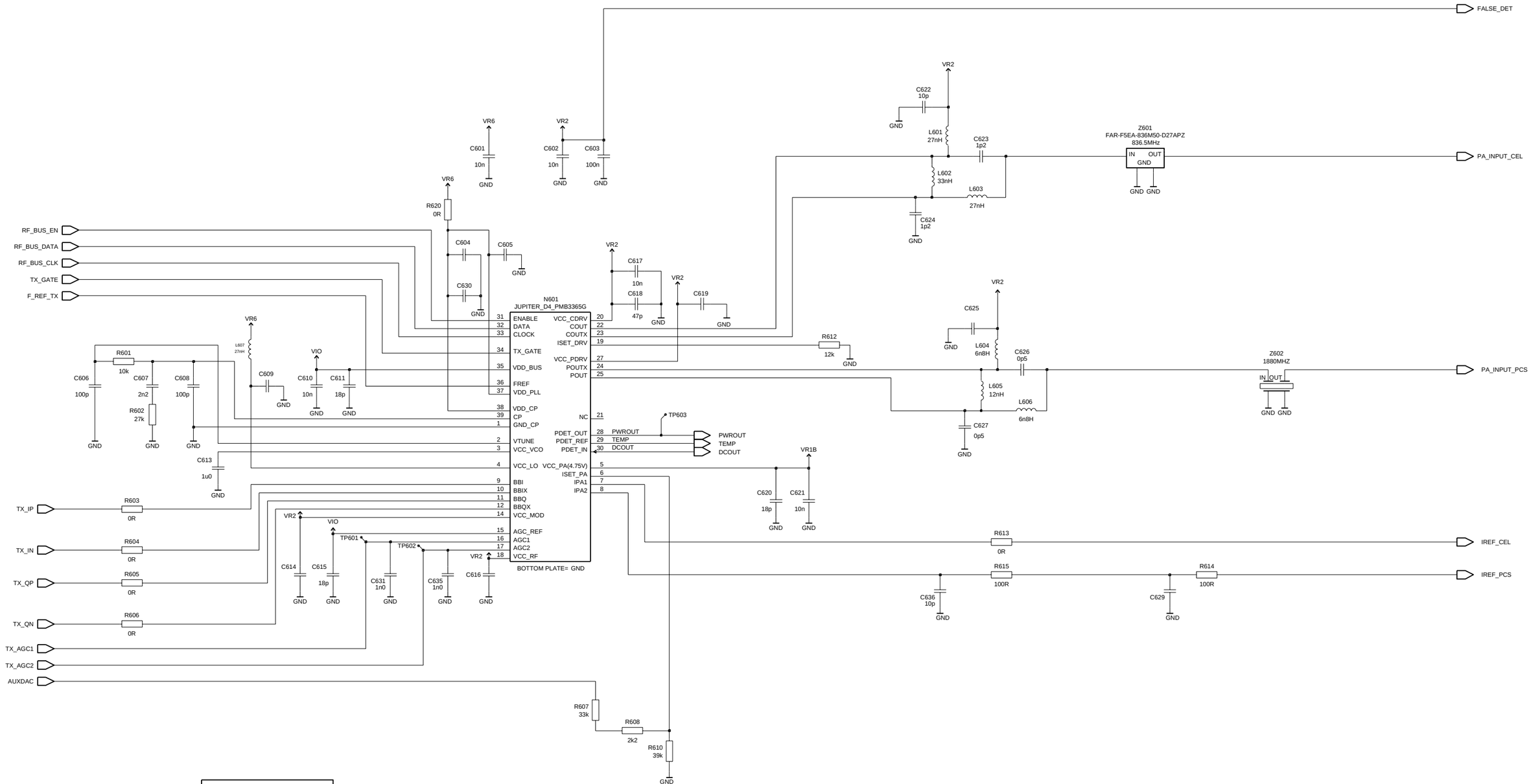
Jupiter



VARIANT DNI	
HDB91 800	HDC93 1900
C625	*C622*
C626	*C623*
C627	*C624*
C629	*L601*
L604	*L602*
L605	*L603*
L606	*R613*
R614	*Z601*
Z602	

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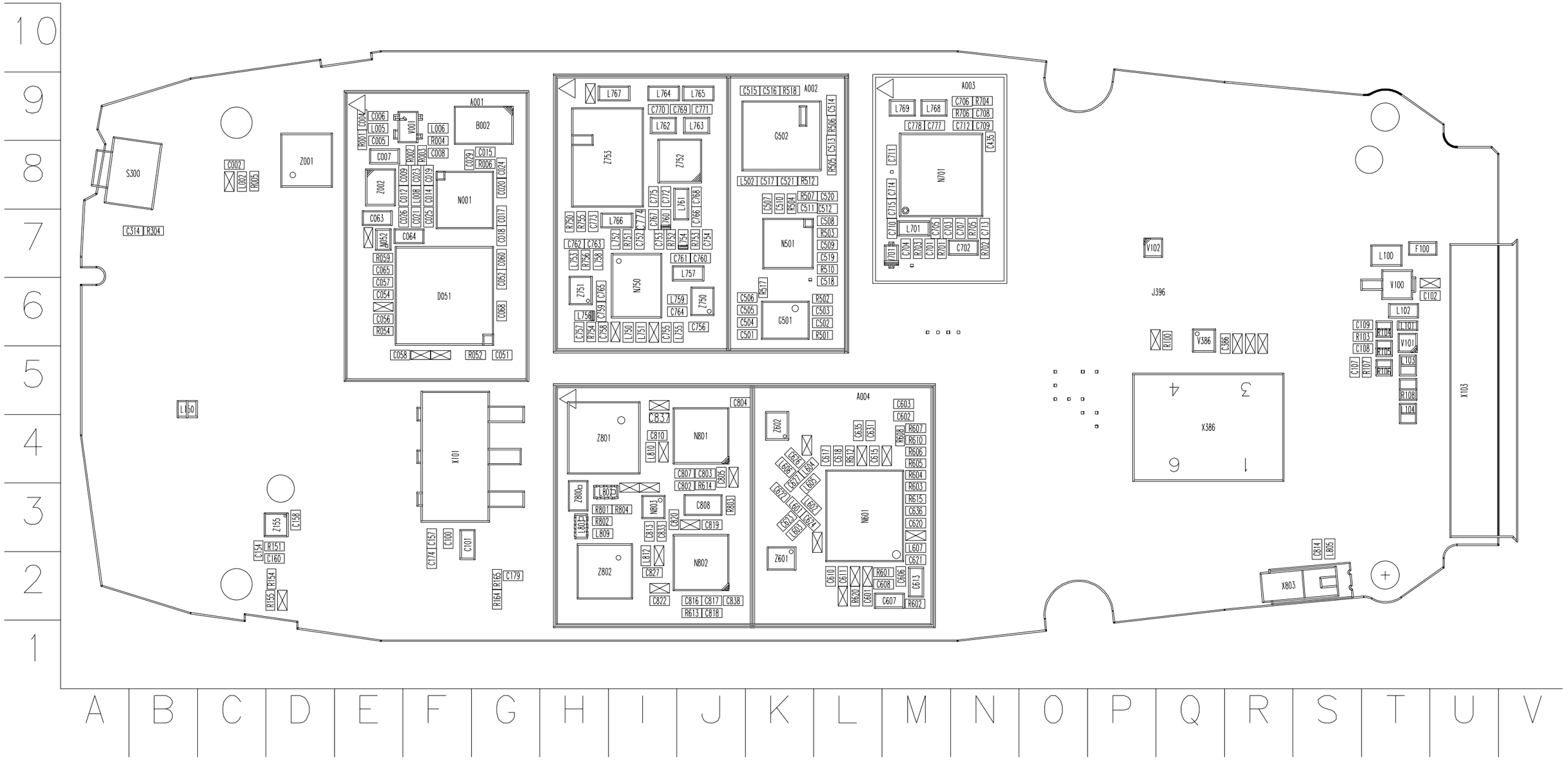
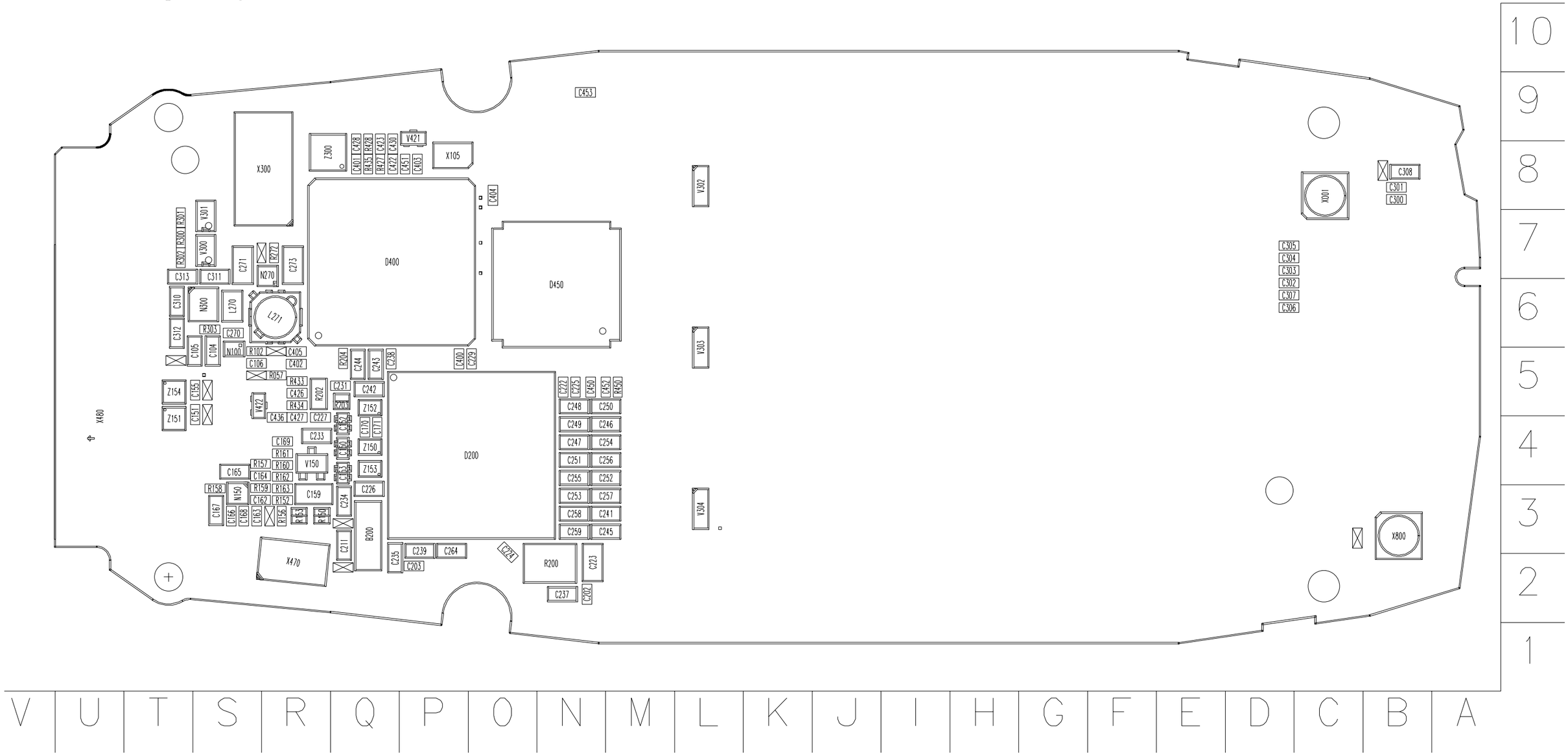
6019i — 0202499 Component Layout — Top



6019i — 0202499 Component Layout — Bottom



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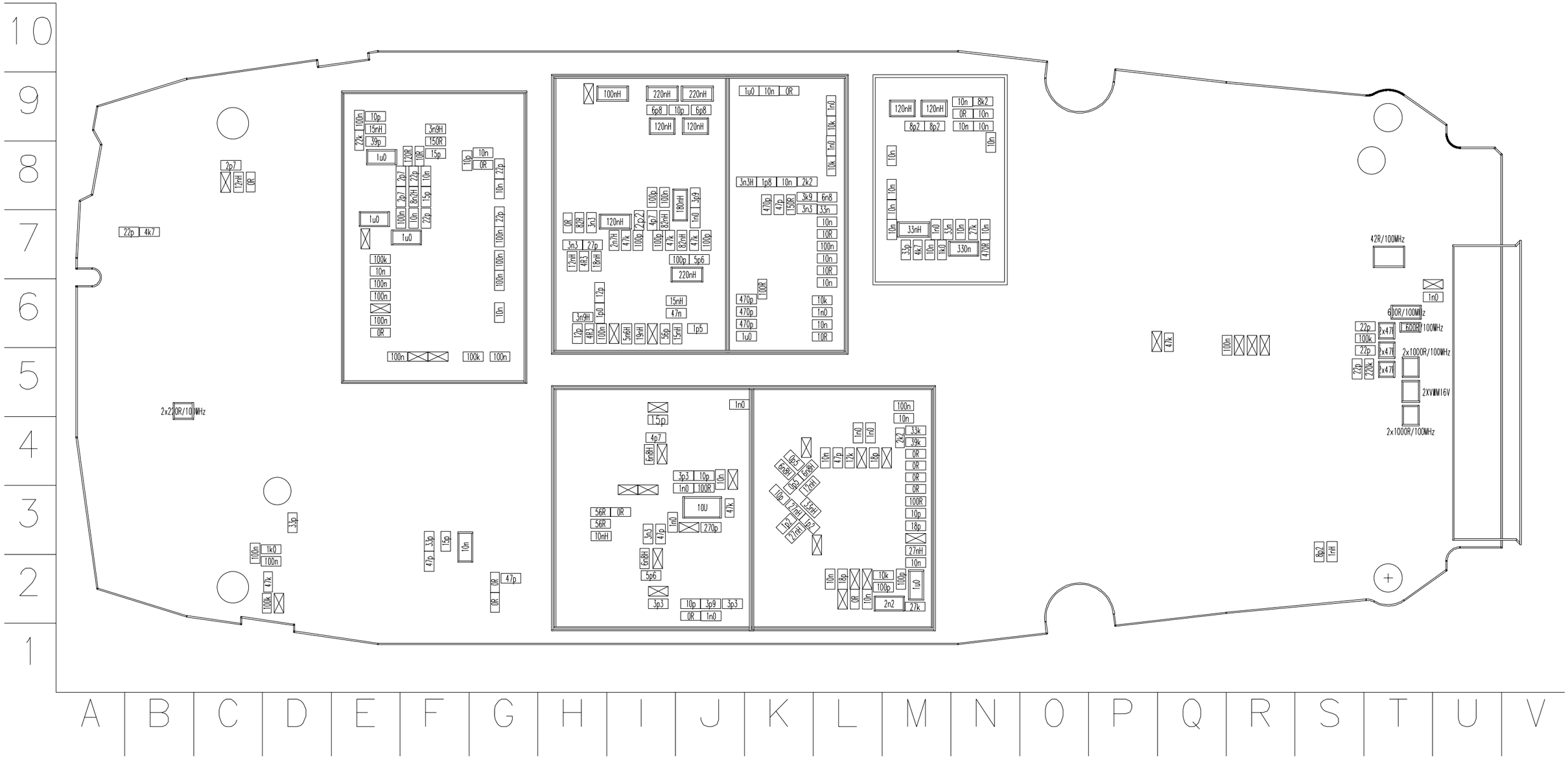
6019i — 0202499 Component Values — Top


10
9
8
7
6
5
4
3
2
1
A B C D E F G H I J K L M N O P Q R S T U V
2p7 12nH 0R
22p 4k7
2x220R/100MHz
33p
100n 1k0 100n
100k 47k
47p 33p 15p 10n
0R 47p
100n 15nH 22k 10p 39p
1u0 3n9H 150R 120R 10R 15p
2p7 2p7 8n2H 15p 22p 22n 10n 100n 10n 100n 1u0 1u0
10p 10n 0R 22p 10n 22p 100n 100n 100n 10n
100k 10n 100n 100n 100n 0R
100n 100k 100n
100nH 220nH 220nH 6p8 10p 6p8 120nH 120nH
0R 8R2 3n3 120nH 2p2 4p7 82nH 180nH 3n9 1n0
3n3 27p 12nH 4R3 18nH 2n7H 47k 100p 100p 47k 47k 82nH 47k 100p
100p 5p6 220nH
3n9H 1p0 12p 12p 4R3 100n 5n6H 19nH 56p 15nH 1p5
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120nH 120nH 10n 8k2 0R 10n 10n 10n 8p2 8p2 10n 10n 10n 10n 10n 10n
33nH 1n0 33n 10n 27k 10n 33p 4k7 10n 1k0 330n 470R
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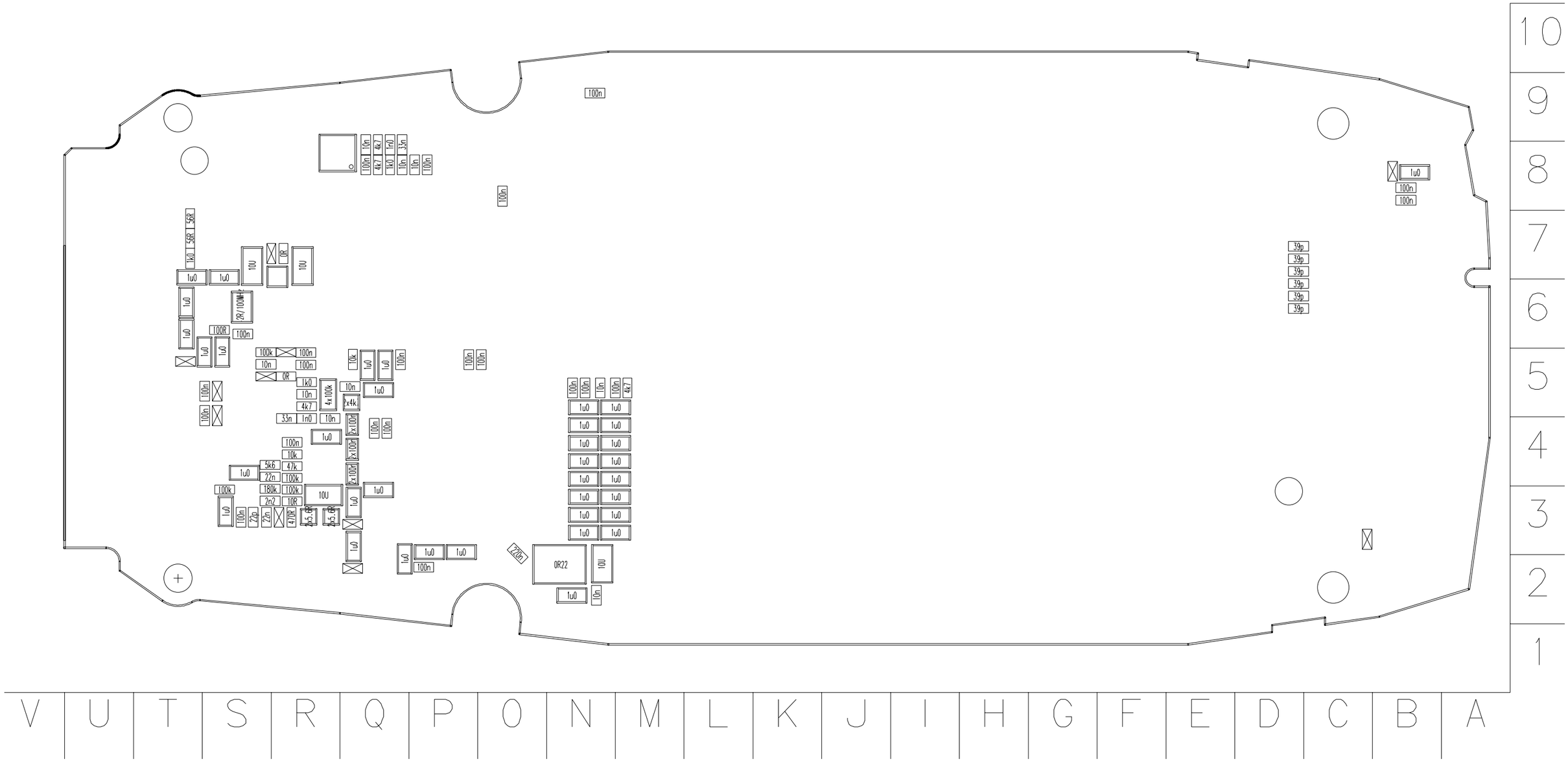
6019i — 0202499 Component Values — Bottom



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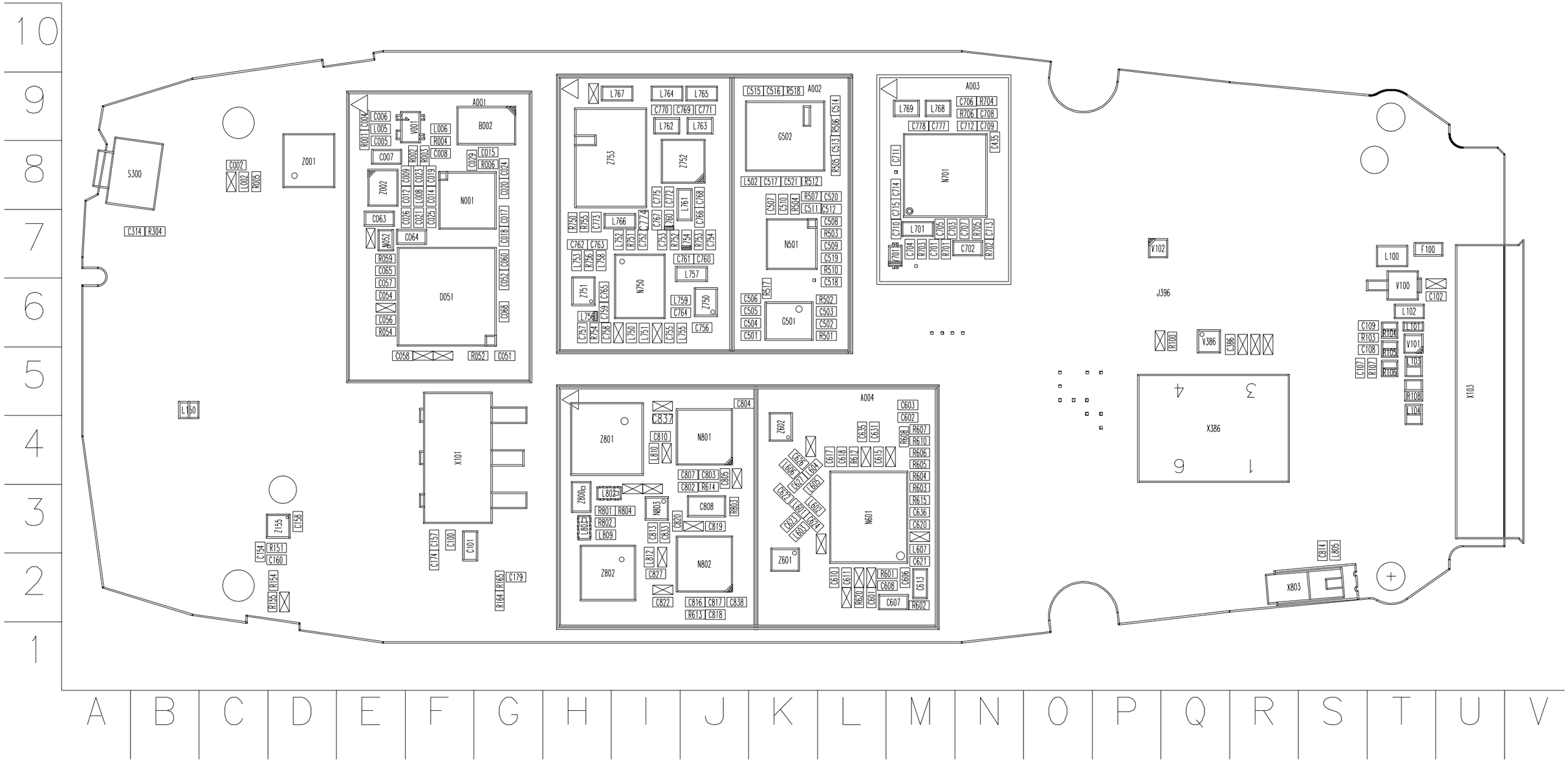
6019i — 0202500 Component Layout — Top



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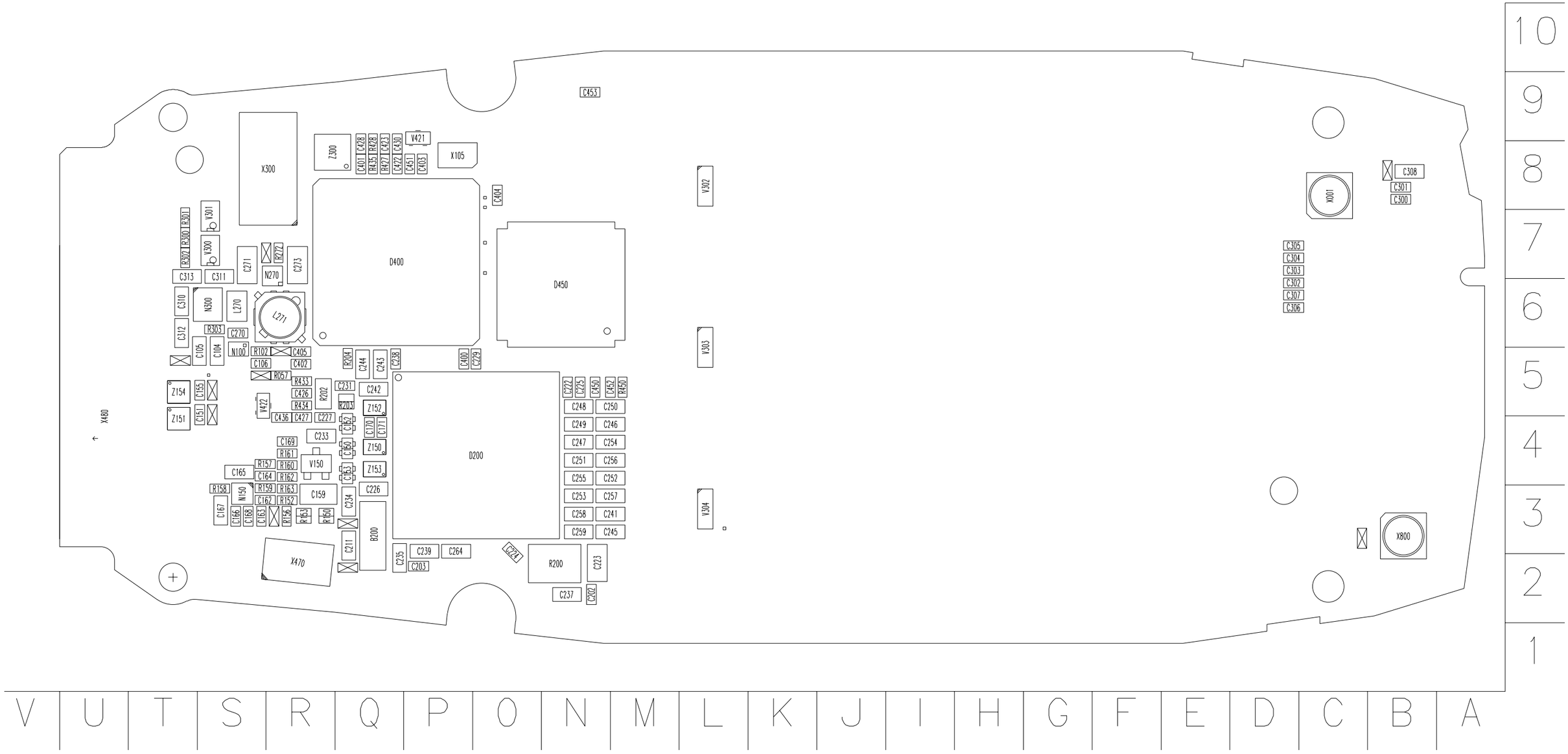
6019i — 0202500 Component Layout — Bottom



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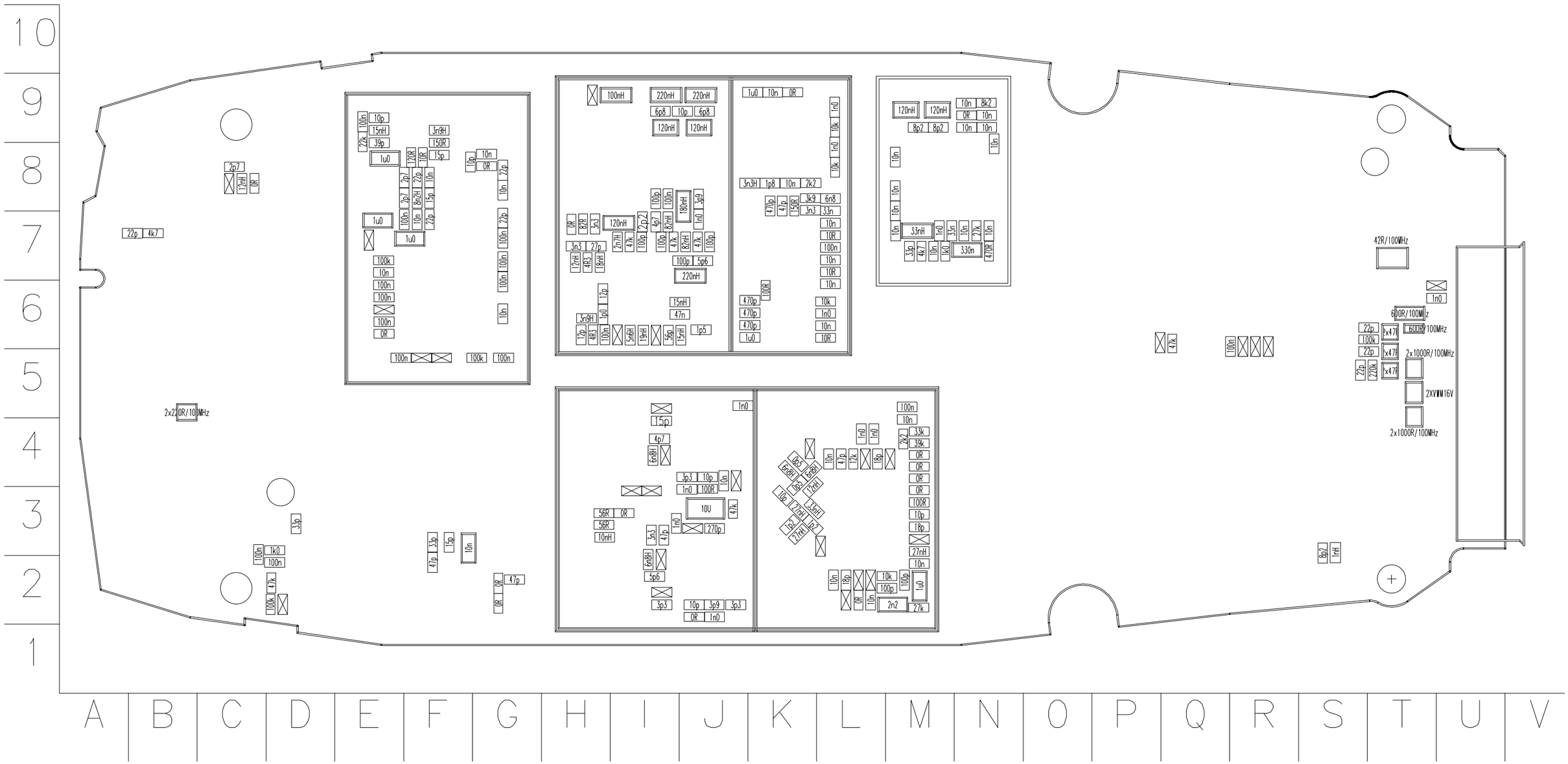
6019i — 0202500 Component Values — Top



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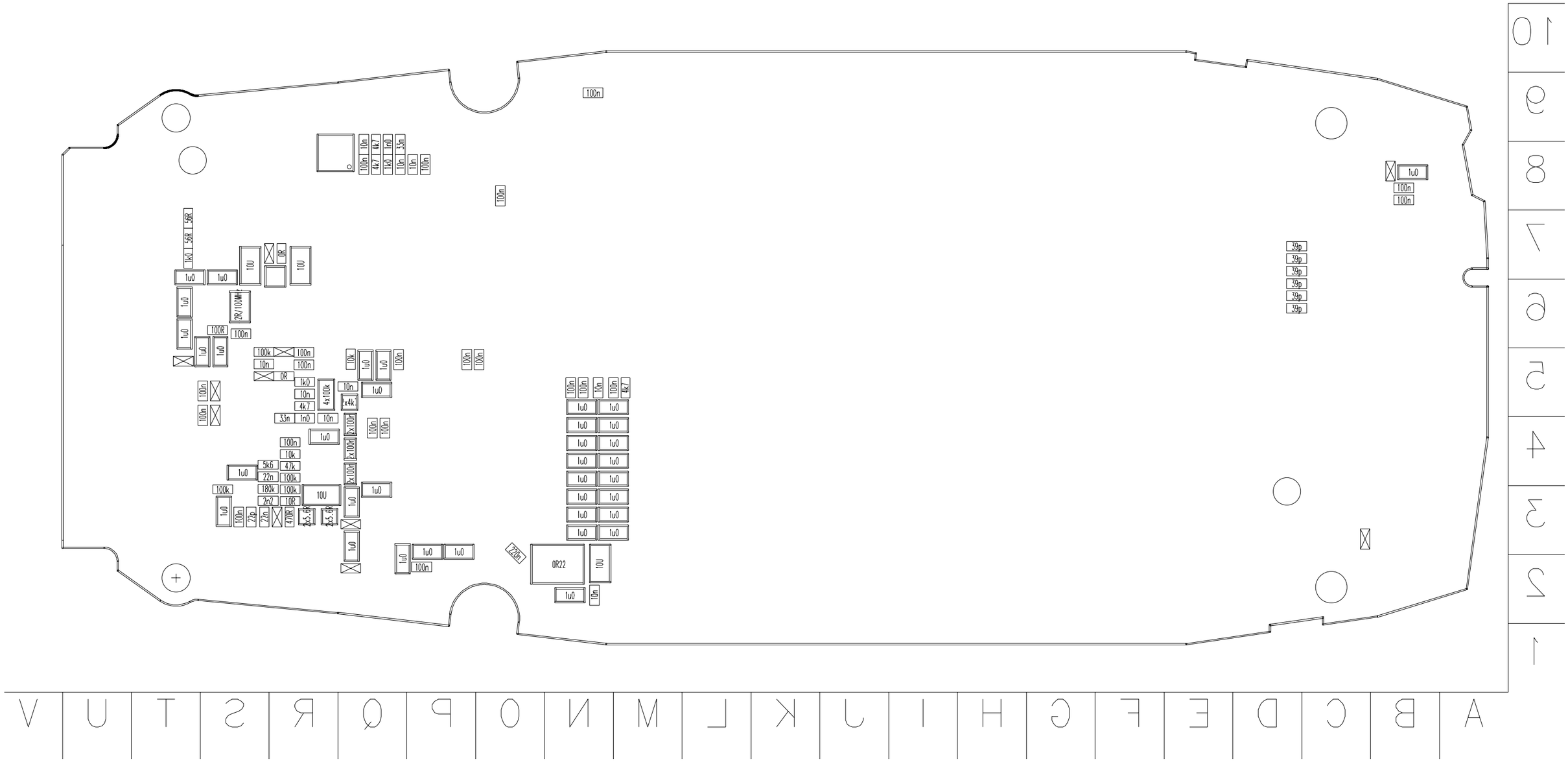
6019i — 0202500 Component Values — Bottom



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